



Sub Divisional Water Testing Laboratory
Public Health Engineering Department, Sub Division Katghora
Behind Rest House Katghora, Dist. Korba (C.G.)
e-mail:- aephekatghora@gmail.com , Phone no. 07815250032
Test Report (Drinking Water)

Report. SDL/PHED/Kgh	Discipline:- Chemical Testing	Group:- Drinking Water		
	Senders letter no./Date		Sampled by	SCHOOL STAFF
	Sample collection date	29.02.24	Sampling Plan & procedure	Sampling is not done by laboratory staff
	SDL receipt no.		SDL Receipt date	
	Date of analysis started	29.2.24	Date of analysis completed	1.3.24

Sample Details

S No.	Sample ID	District/Block	Panchayat/Village	Habitation	Location/Source ID/GPS Identification
1		Katghora	Katghora	JENJRA	DAV MUKHYAMANTRI SCHOOL

Details of parameters their test method units and specification as per IS:3025/APHA

S. No.	Parameters	Test method IS:3025/APHA 23rd ed.		unit	As per IS-10500- 2012(Second Rev) for drinking water		Result					
		method	Part no.		Acceptable Limit	Permissible Limit	1					
1	2	3	4	5	6	7						
1	Colour	APHA2 3rd ed	2120-B	Hazen	5	15	0					
2	Odour	IS:3025	Part 5	-	Agreeable	Agreeable	Agreeable					
3	Taste	IS:3025	Part 8	-	Agreeable	Agreeable	Agreeable					
4	TDS (Total Dissolved Solids)	APHA2 3rd ed	2540-C	mg/l.	500	2000	130.2					
5	Chloride as Cl-	IS:3025	Part-32(2019)	mg/l.	250	1000	50					
6	Alkalinity as CaCO ₃	IS:3025	Part-23	mg/l.	200	600	220					
7	Total Hardness as CaCO ₃	IS:3025	Part-21	mg/l.	200	600	70					
8	Calcium as Ca ²⁺	IS:3025	3500-Ca-B	mg/l.	75	200	16.03					
9	Magnesium as Mg ²⁺	APHA2 3rd ed	3500 Mg-B	mg/l.	30	100	8.1					
10	Ph	IS:3025	Part-11	Ph Scale	6.5-8.5	No Relaxation	6.22					
11	Turbidity	IS:3025	Part-10	NTU	1	5	1.4					

1. The report should not be produced partly or full without approval signatory authority of legal purpose.
 2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
 3. The results refer only to tested samples and parameters.
 4. Samples will be stored for a period of 10 days from date of issue of report.
 5. This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Remarks - 1. Results apply to the sample as received.
2. Sampling not done by Lab staff.

RAVI KESHRI
(Authorized Signatory)
NABL KATGHORA